DOE VPP Progress and Its Role in Integrated Safety Management

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DOE VPP Program History

- ❖ Program has been in place since 1994
  - DOE/DOL signed memorandum of understanding in February 1994
- ❖ Closely parallels the OSHA VPP
- ❖ Designed to apply to all contractors in the DOE complex
- ❖ Purpose is to promote and recognize excellence in safety & health programs

DOE VPP Status

❖ Two sites have received STAR
  – Westinghouse, WIPP
  – AlliedSignal FM&T, KCP
❖ One additional site has been recommended for STAR
  – Westinghouse, SRS
❖ 15 Other sites pursuing VPP

FM&T Approach

- Two tiered approach to Management of ES&H was in place prior to ISM request
  - Identification of ES&H management systems to assure quality and allow for continuous improvement
  - Identification of relevant and appropriate standards against which work will be performed (transition to industry standards)

Selecting the ES&H Management Systems

- ❖ Identified this as a strategic initiative
- ❖ Defined the work and the hazards
- ❖ Benchmarked management systems
- ❖ Identified desired management system characteristics
- ❖ Selected systems meeting desired characteristics

Management Systems

Standard	Desired Characteristics
EPA Study	25 of 31
DOE VPP	29 of 31
ISO 14001	29 of 31
ISO 9001	3 of 31
ICC/GEMI	9 of 31
DOE Order 540	22 of 31
CMA Resp. Care	12 of 31

Selected Management Systems

- ❖ ISO 14001 Environmental Management
  - Policies which go beyond base compliance
  - Subcontractor environmental compliance policies
- ❖ DOE Voluntary Protection Program
  - Formal Document Control
  - Formal system for statutory and regulation tracking

What is DOE's Integrated Safety Management Initiative?

❖ Objective is to systematically integrate ES&H into management and work practices (DNFSB 95-2)

❖ July 1996, sites directed to develop a Safety Management System
   – Provide methodology/approach and implementation schedule by September

ISM Elements

- ❖ Line management responsibility
- ❖ Clear roles & responsibilities
- ❖ Competence commensurate with responsibilities
- ❖ Balanced Priorities
- ❖ Identification of standards & requirements
- ❖ Hazard Controls
- ❖ Operations Authorization

FM&T ISM Proposal

❖ Create nothing new to satisfy this requirement

- Provided commitment to VPP and ISO 14001 as our ES&H Management Systems in ES&H Management Plan

- Used the Operating Requirements Database created under ISO 9001 as the Standards List

- Incorporated existing performance measures

Conclusion

- ❖ Interest in VPP remains strong within the DOE Weapons Complex
- ❖ Its principles and philosophies contribute significantly to satisfying ISM requirements
- ❖ VPP emphasizes the associate involvement aspect needed to support management systems selected